

REMARKS

Claims 3-5 are pending in this application, all of which have been amended.
No new claims have been added.

Claims 3-5 stand rejected under 35 U.S.C. §112, second paragraph, as indefinite.

Accordingly, claims 3-5 have been amended to correct the noted instances of indefiniteness.

In particular, the clarifying language added to claim 3 is supported in FIG. 9 and on page 20, line 18 to page 22, line 11 of the specification.

Thus, the 35 U.S.C. §112, second paragraph, rejection should be withdrawn.

The Examiner has rejected the claims as follows:

1. Claims 3-5 under 35 U.S.C. §103(a) as unpatentable over U.S. Patent 6,837,092 to Ubl et al. (hereafter "Ubl et al.") in view of Tomohisa et al. and Kojima et al. (both previously applied);

2. Claims 3-5 under 35 U.S.C. §103(a) as unpatentable over Ubl et al. in view of Singh et al., Tomohisa et al., and Kojima et al. (all previously applied);

3. Claims 3-5 under 35 U.S.C. §103(a) as unpatentable over Ubl et al. in view of Singh et al., Tomohisa et al., Kojima et al., and Dufresne et al. (all previously applied); and

4. Claims 3-5 under 35 U.S.C. §103(a) as unpatentable over Applicants' Admitted Prior Art (hereafter "AAPA") in view of Ubl et al., Singh et al., Tomohisa et al., Kojima et al., and Dufresne et al.

Applicants respectfully traverse all these rejections.

Ubl et al. a method for adjusting the static attitude of a head suspension by scanning a region of the head suspension with a laser. A head suspension having a gimbal region is provided that permits a head slider attached thereto to gimbal about pitch and roll axes in response to fluctuations in an air bearing over which the head slider flies. One or more predetermined regions of the head suspension are irradiated by a laser beam by scanning the laser beam across the head suspension regions to affect the static attitude of the head suspension. A plurality of parallel spaced apart lines are scanned on the leaf spring arms of a flexure with the laser to correct pitch errors in static attitude, and a plurality of parallel spaced apart lines are scanned with the laser in the cross section attached to the leaf spring arms to correct roll errors in static attitude. One or both sides of the head suspension can be scanned to create a desired pitch and/or roll correction.

Ubl et al. has been cited for introducing positive or negative bias into suspension elements in order to correct positive or negative pitch error.

Ubl et al., like the other cited references as discussed in Applicants' previous response, fails to teach, mention or suggest:

1. Selecting an irradiation shape combination corresponding to both the load adjustment amount and the angle adjustment amount, as recited in claim 3, as amended, of the instant application; or
2. The laser beam irradiation area for correcting the roll angle in positive direction or the laser beam irradiation area for correcting the roll angle in the negative direction is set in the area I and the area III or the area II and the area IV, respectively, wherein the laser beam is polarized in XY directions with a galvano scanner mirror and is condensed with a long focal length lens, as recited in claim 4, as amended; or
3. A boundary provided in a direction orthogonal with a gimbal longitudinal direction around the spring, a first area is formed at the head mounting side, a second area formed at the opposite side, the laser beam irradiation area for correcting the pitch angle in a positive direction set in

the first area, and the laser beam irradiation area for correction the pitch angle in a negative direction in the second area, as recited in claim 5, as amended.


Thus, all of the 35 U.S.C. §103(a) rejections should be withdrawn.

In view of the aforementioned amendments and accompanying remarks, claims 3-5, as amended, are in condition for allowance, which action, at an early date, is respectfully solicited.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105.

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Respectfully submitted,

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